



Buckeye Area Drainage Master Plan

Proposed Project

The Flood Control District of Maricopa County (District) is developing an Area Drainage Master Plan (ADMP) to plan flood control infrastructure improvements in conjunction with development.

The Buckeye ADMP is located south of I-10 to the Gila River and from Dean Road on the east side to Johnson Road on the west side.

The Buckeye ADMP project area is predominately agricultural with many small to medium residential communities planned for the near future. Most of the natural drainage has been plowed under in the agricultural fields. There are little to no drainage features from north to south aside from streets. Therefore, when it rains the streets become impassable, which will be unacceptable when the population increases.

There are also some cross-drainage features which cause upstream flooding problems. These features include the Roosevelt Irrigation District Canal, the Union Pacific Railroad, and the Buckeye Canal.

The District will also identify potential multiple-use and recreational facilities that will complement and enhance the proposed project area as part of this study.

Project Goals

- ✎ Coordination between developers of Master Planned Communities and the design of their drainage features;
- ✎ Preparation of preliminary designs of flood control facilities in areas not within a Master Planned Community;
- ✎ Design of landscape aesthetics and visual character.

Schedule

The District has contracted an engineering firm to help coordinate stakeholder's and general public's concerns; identify alternatives to be analyzed; and to prepare preliminary plans for the selected regional solution. This part of the planning project is anticipated to take 18 months. After this planning project to identify the regional solution, the District will prioritize the projects and work with partners to prepare final plans and to construct the facility.

Summary

The goal of this project is to develop a regional plan that is acceptable to all the stakeholders and is implementable.

Contact

Valerie Swick, EIT, PH, CFM
Project Manager
Flood Control District of Maricopa County
602-506-2929
vas@mail.maricopa.gov

www.fcd.maricopa.gov/ads/buckeyeadmp.htm

